AMENDMENTS TO THE CLAIMS:

The listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) A method of producing a lordosis support ~~with a supporting element of plastic of adjustable curvature at rods of a lattice mat, formed by longitudinal and/or transverse rods~~, comprising the steps of:

introducing transverse rods and longitudinal rods of a lattice mat into an injection mold for a supporting element of a lordosis support,

connecting together the transverse rods and longitudinal rods while in the injection mold, independently of an injection molding process therein, and

forming the supporting element of the lordosis support with an adjustable curvature by the step of embedding the rods in the supporting element during injection molding of the supporting element of the lordosis support in the injection mold.

2. (Previously Presented) The method of claim 1, wherein the step of embedding includes the step of encapsulating at least some of the rods by molding with the plastic of the supporting element.

3-14. (Canceled)

15. (Previously Presented) The method of claim 1, wherein the step of introducing includes the steps of:

introducing the transverse rods in transverse grooves of the injection mold, and

pushing ends of the transverse rods against a stop which is formed in the injection mold.

16. (Previously Presented) The method of claim 15, further comprising the steps of:

supplying the transverse rods as endless material, and

cutting off the transverse rods, when the transverse rods are fixed in contact with the stop in the injection mold, on a side of the injection mold opposite the stop, with one edge of the injection mold being used as cutting edge.

17. (Canceled)

18. (Currently Amended) The method of claim 1 ~~17~~, wherein the step of introducing includes the step of pushing the longitudinal rods into longitudinal grooves of the injection mold as straight rod endless material.

19. (Previously Presented) The method of claims 18, further comprising the step of bending the longitudinal rods in the injection mold, with a portion of the injection mold functioning as a bending template.

20. (Currently Amended) ~~The~~ A method ~~of claim 18, further comprising the step~~ of producing a lordosis support, comprising the steps of:

introducing transverse rods and longitudinal rods of a lattice mat into an injection mold for a supporting element of a lordosis support, the step of introducing including the step of pushing the longitudinal rods into longitudinal grooves of the injection mold as straight rod endless material,

connecting together the transverse rods and longitudinal rods in the injection mold,

gating plastic parts to the longitudinal rods of the lattice mat, and

forming the supporting element of the lordosis support with an adjustable curvature by the step of embedding the rods in the supporting element during injection molding of the supporting element of the lordosis support.

21. (Previously Presented) The method of claim 20, wherein at least some of said plastic parts are casings for connecting

regions between the longitudinal rods and the transverse rods.

22. (Previously Presented) The method of claim 20, wherein at least some of the plastic parts are anchoring sites for tension springs, which are to be suspended from the longitudinal rods.

23. (Previously Presented) The method of claim 20, wherein the plastic parts are injection molded in one step with the supporting element.

24. (Currently Amended) The method of claim 1 ~~17~~, wherein the step of connecting together includes the step of welding the transverse rods to the longitudinal rods.

25. (Currently Amended) The method of claim 1 ~~17~~, wherein the step of connecting together includes the step of fastening the transverse rods to the longitudinal rods by bending ends of the transverse rods around the longitudinal rods into one of eyelets and hooks.

26. (Canceled)

27. (Previously Presented) The method of claim 19, further comprising the step of preventing movement of the bent

longitudinal rods before injection molding of the supporting element.

28. (Canceled)

29. (Canceled)